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Preliminary 2002 Statewide Aggregated Data for the Iowa Tests Grades 4 and 8, Iowa Tests of Basic Skills (ITBS) Grade 11, Iowa Tests of Educational Development (ITED) July, 2002

The Montana Office of Public Instruction reports scores in two ways:

1. *The National Percentile Rank (NPR) refers to the percent of students in the national norm group that earned the same score or lower than Montana students. For example, an NPR of 57% would mean that Montana students scored the same as or better than 57% of the students in the national norm group.
2. **Montana proficiency levels. Montana has designated four proficiency levels:
Novice
Nearing Proficiency
Proficient
Advanced

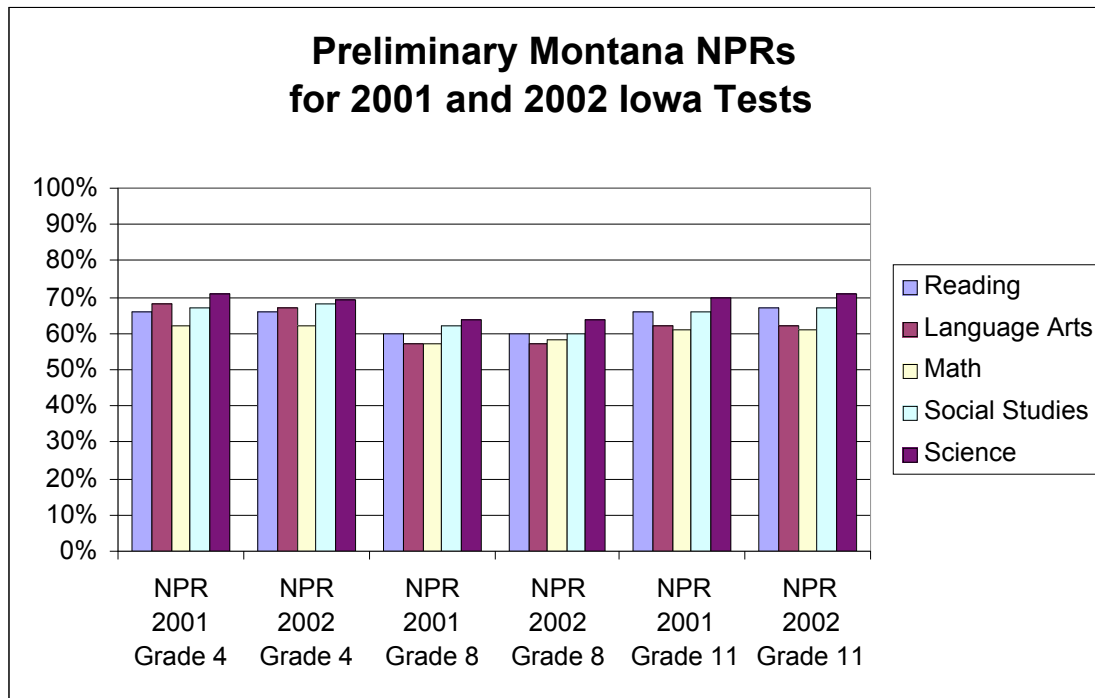
Below are charts and tables for the following:

- Chart and Table 1: National Percentile Ranks* (NPR) for 2001 and 2002 for grades 4, 8, and 11
- Chart and Table 2: Percent of Montana 4th grade students at each Montana proficiency level **
- Chart and Table 3: Percent of Montana 8th grade students at each Montana proficiency level**
- Chart and Table 4: Percent of Montana 11th grade students at each Montana proficiency level**

NOTE: In the tables, after the proficiency levels for each year is a change column.

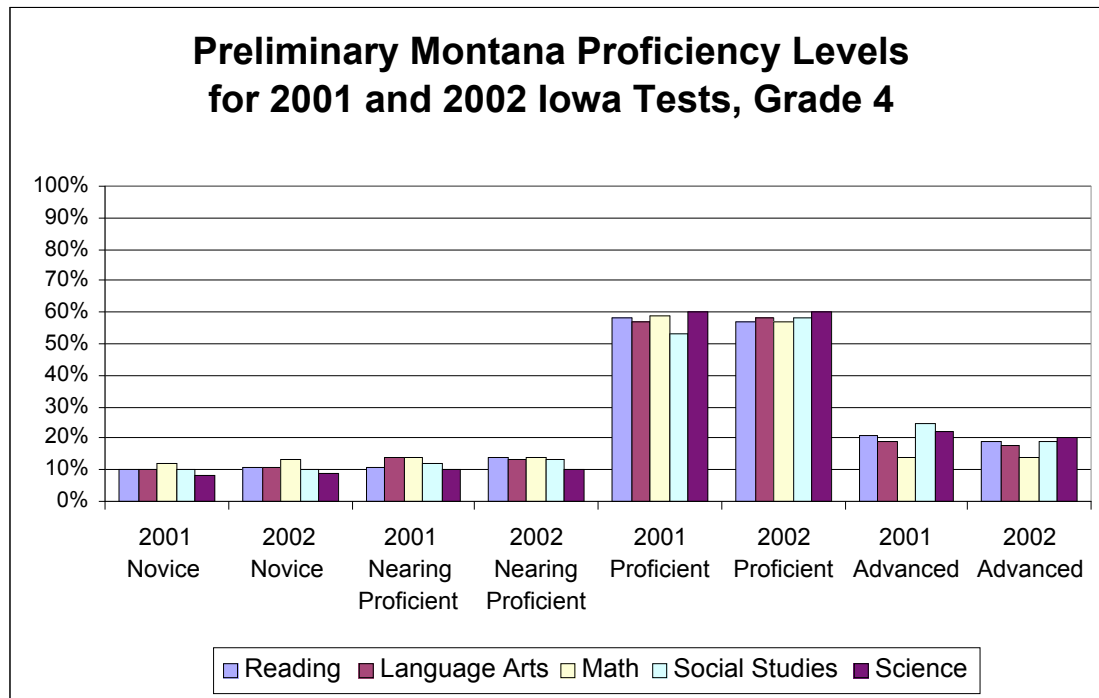
- A plus (+) indicates a larger percent of students in that proficiency level in 2002 than in 2001.
- A minus (-) indicates a smaller percent of students in that proficiency level in 2002 than in 2001.
- NC indicates no change in the percent of students in that proficiency level from 2001 to 2002.

Chart and Table 1: NPRs



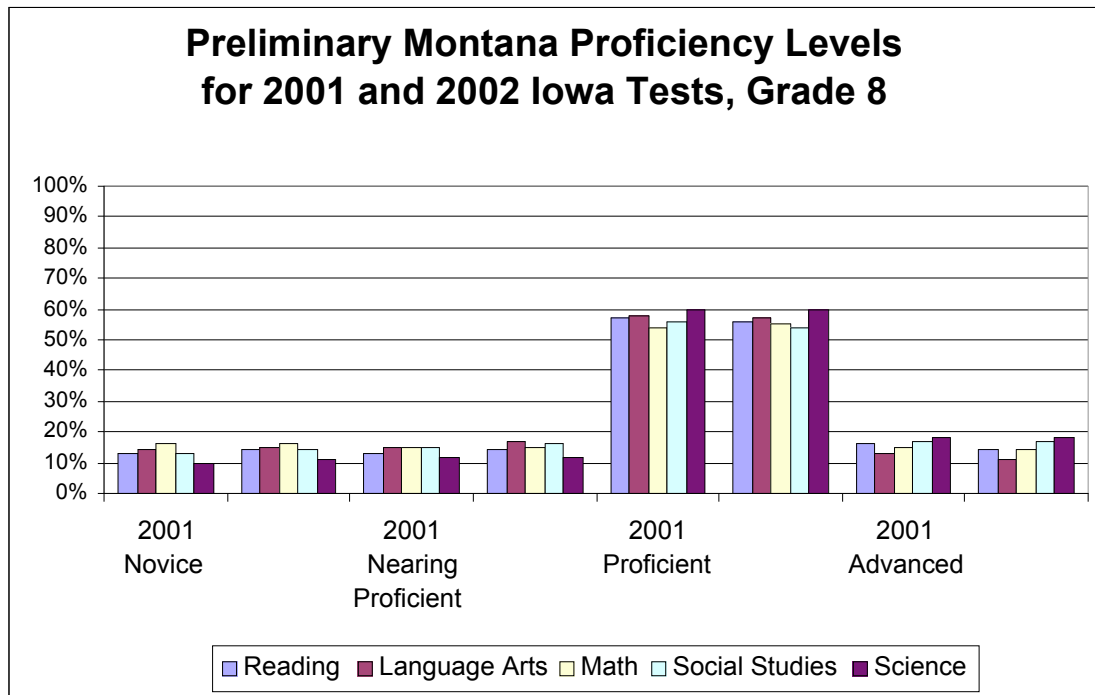
	NPR 2001 Grade 4	NPR 2002 Grade 4	Change	NPR 2001 Grade 8	NPR 2002 Grade 8	Change	NPR 2001 Grade 11	NPR 2002 Grade 11	Change
Reading	66%	66%	NC	60%	60%	NC	66%	67%	+1%
Language Arts	68%	67%	-1%	57%	57%	NC	62%	62%	NC
Math	62%	62%	NC	57%	58%	+1%	61%	61%	NC
Social Studies	67%	68%	+1%	62%	60%	-2%	66%	67%	+1%
Science	71%	69%	-2%	64%	64%	NC	70%	71%	+1%

Chart and Table 2: Proficiency Levels, Grade 4



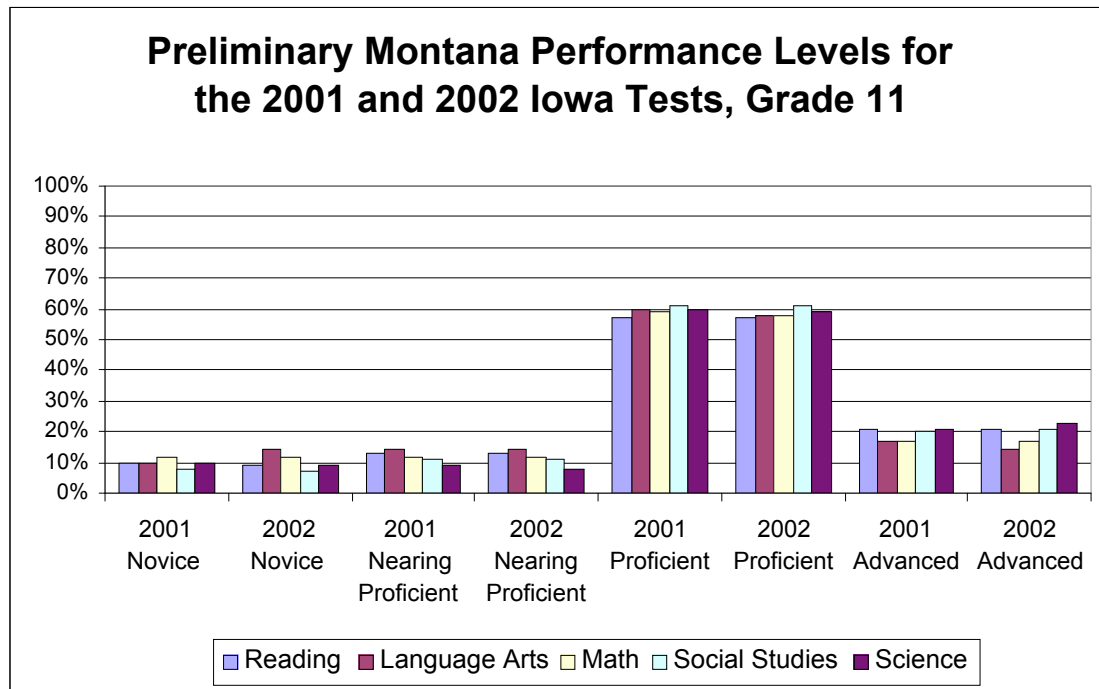
Grade 4	2001 Novice	2002 Novice	Change	2001 Nearing Proficient	2002 Nearing Proficient	Change	2001 Proficient	2002 Proficient	Change	2001 Advanced	2002 Advanced	Change
Reading	10%	11%	+1%	11%	14%	+3%	58%	57%	-1%	21%	19%	-2%
Language Arts	10%	11%	+1%	14%	13%	-1%	57%	58%	+1%	19%	18%	-1%
Math	12%	13%	+1%	14%	14%	NC	59%	57%	-2%	14%	14%	NC
Social Studies	10%	10%	NC	12%	13%	+1%	53%	58%	+5%	25%	19%	-6%
Science	8%	9%	+1%	10%	10%	NC	60%	60%	NC	22%	20%	-2%

Chart and Table 3: Proficiency Levels, Grade 8



Grade 8	2001 Novice	2002 Novice	Change	2001 Nearing Proficient	2002 Nearing Proficient	Change	2001 Proficient	2002 Proficient	Change	2001 Advanced	2002 Advanced	Change
Reading	13%	14%	+1%	13%	14%	+1%	57%	56%	-1%	16%	14%	-2%
Language Arts	14%	15%	+1%	15%	17%	+2%	58%	57%	-1%	13%	11%	-2%
Math	16%	16%	NC	15%	15%	NC	54%	55%	-1%	15%	14%	-1%
Social Studies	13%	14%	+1%	15%	16%	+1%	56%	54%	-2%	17%	17%	NC
Science	10%	11%	+1%	12%	12%	NC	60%	60%	NC	18%	18%	NC

Chart and Table 4: Proficiency Levels, Grade 11



Grade 11	2001 Novice	2002 Novice	Change	2001 Nearing Proficient	2002 Nearing Proficient	Change	2001 Proficient	2002 Proficient	Change	2001 Advanced	2002 Advanced	Change
Reading	10%	9%	-1%	13%	13%	NC	57%	57%	NC	21%	21%	NC
Language Arts	10%	14%	+4%	14%	14%	NC	60%	58%	-2%	17%	14%	-3%
Math	12%	12%	NC	12%	12%	NC	59%	58%	-1%	17%	17%	NC
Social Studies	8%	7%	-1%	11%	11%	NC	61%	61%	NC	20%	21%	+1%
Science	10%	9%	-1%	9%	8%	-1%	60%	59%	-1%	21%	23%	+2%